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Visualisation of Patient data – for patients

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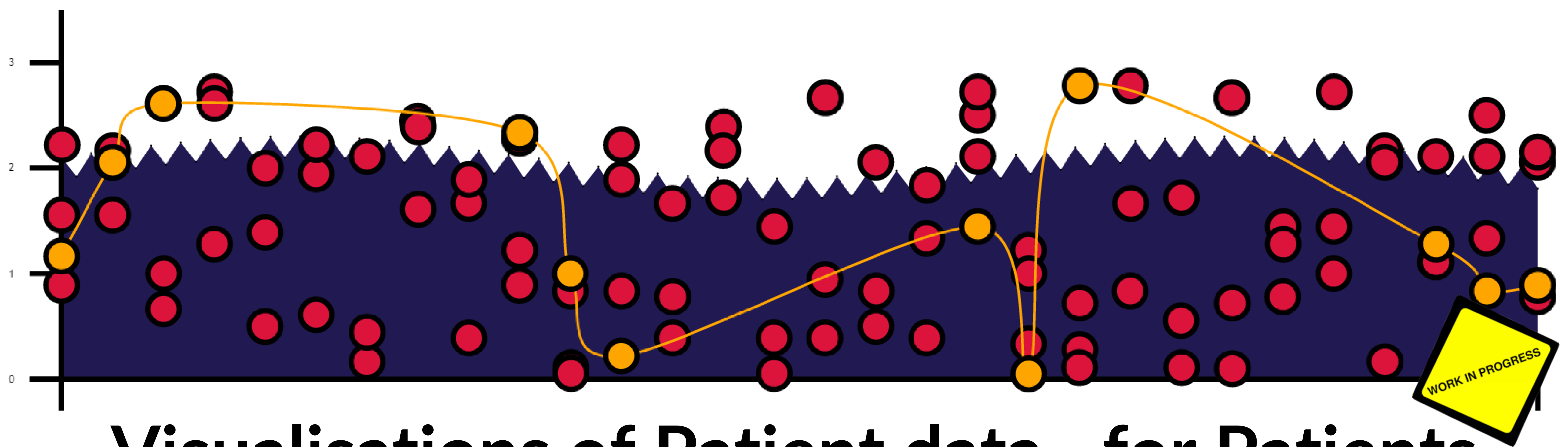
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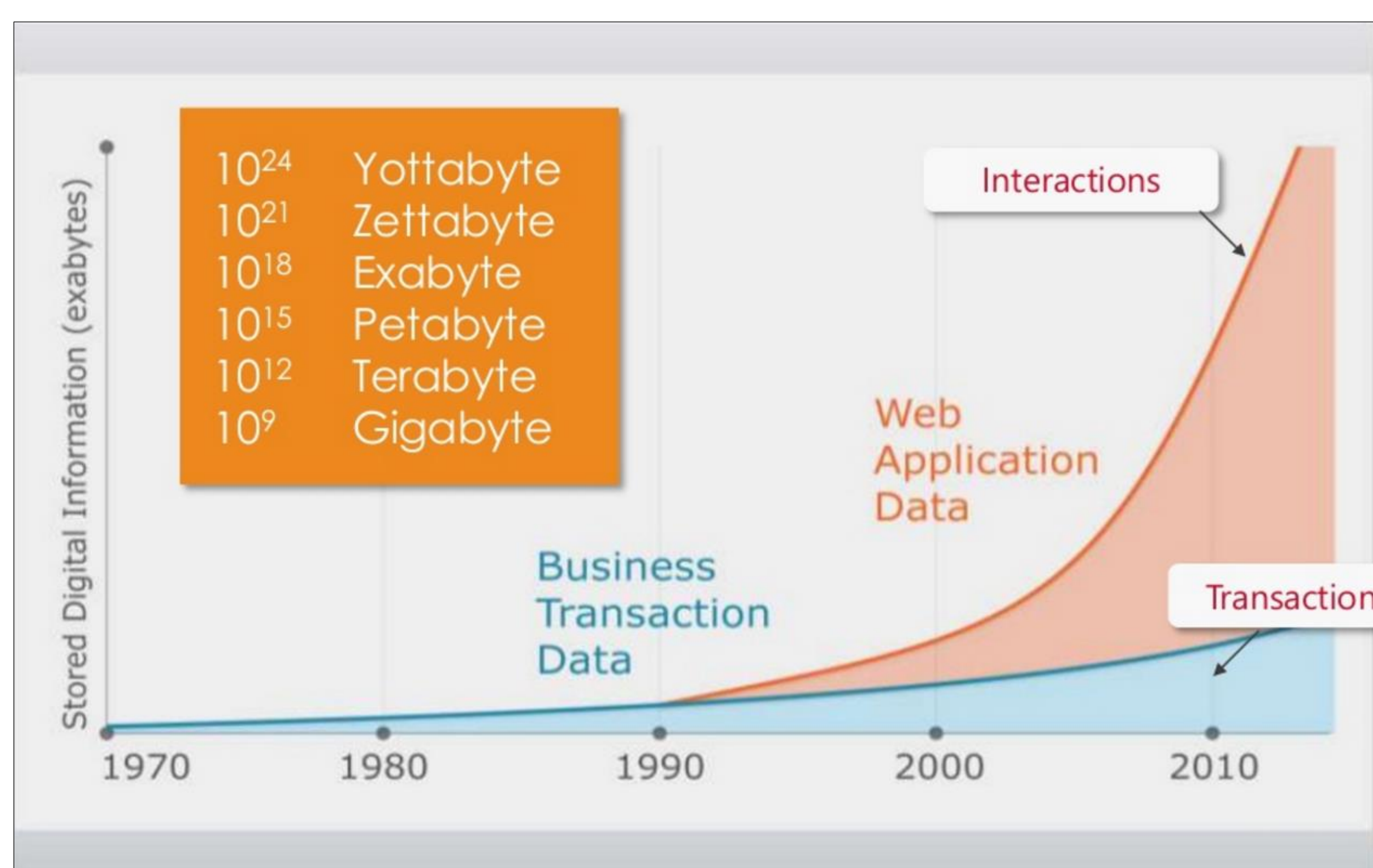
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Visualisations of Patient data –for Patients

The costs of collecting data decrease with various of new technology and to empower psychiatric treatment progress the patients has to be presented for the data. Patients have not received any formel education in reading data visualisations and vary in generally in formal school training.

Growth in Health data



The amount of yearly collected health data is increasing - at least - polynomiell . Sensors, health apps, new public management and patients own mobile devices generate a wealth of data that can be utilized in the treatment of patients.

To utilize the many data they have to be visualised in a manner that the lower denominator within the patients are capable of compredning the data and act in compliance with the treatment.

The visualisation of patient data servers the purposes clinicians understanding the current state of the patient, the patient understanding of his/her own situation and as a communicative tool for the collaboration.

The medicine of Colors



Poul Gernes(1925-1996) is a danish painter, graphical designer and sculptor. Poul Gernes wanted art to serve ordinary peoples needs and decorated a large number of public buildings in Denmark. One building is Copenhagen University Hospital at Herlev. For Gernes the decoration was not "art for arts sake" but a matter of applied art that possessed a ulitarian function. Colors and figures do have an impact on the mood and state of patients. Well-coloured environment promotes sense of wellbeing, initiate to work and a sene of identity among others.

Poul Gernes graphical work is a decoration in many hospitals all over the world.

Datavisualisations has to balance aethetics, function and targetgroups. Mainstream datavisualisation are designed for professionals and orientated towards function.

Patients perceive data visualisations differently that clincians. They have professional comptence in reading patient data, they perceive the data with their own health story/life story in mind and they read/see hope/cure in the visualisation of their data.

Data visualisation of patient data do have a timestamp and therefore the potential to tell a story. To hold single moments in time together and get a view of a longer period of time.

Data visualisations are a strong communcation tool colors shapes and patterns is perceived by the perception system at a low level and a number graph types communicates with the lowest denominator of a patient segment.

The data visualisations can be a new communication tool for the patient-clinician collaboration. The datavisualisation can include a collaborative commentary track(visually) in which patients and clinicians interpret the data.

A new balance between aethetics, function and prioritations of targetgroups when visualising Patient data are wanted. One in favour of patients.

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PROPS - project

- The usage of PRO data
in psychiatric outpatient care
- a pilot study



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